Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 05 May 2023 until 23:59 on Saturday 06 May 2023

Forecast Issued on Thursday 04 May 2023 at 13:00

Confidence: High for generally unsettled conditions through the period, but lower for shower detail and timing of rain bands.

Headline for Friday 05 May 2023: Cloud and outbreaks of showery rain at first, gradually breaking up to give some sunny spells but also occasional heavy, perhaps thundery showers for the afternoon.

Mountain weather hazards on Friday 05 May 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers	Light rain showers	Light rain showers	Cloudy	Heavy rain showers	Thundery showers	Heavy rain showers	Cloudy
Precipitation probability							
70%	70%	40%	10%	60%	60%	40%	10%

Forecast for Friday 05 May 2023

Weather: Cloud and outbreaks of showery rain overnight and to start the morning. However, the cloud will lift and break with some sunny spells developing into the afternoon, but also occasional heavy, locally thundery showers. These should gradually die out into the evening to leave mainly dry conditions overnight.

Chance of cloud-free hill tops above 600m: 40% at first but improving through the morning to 90% by afternoon.

Low cloud and visibility: Patchy areas of cloud above 400m at first, giving poor visibilities across the summits. However, this should readily lift and break through the morning to leave most summits clear by afternoon, with generally good or very good visibility. However, temporary reductions are likely in any heavy showers/thunderstorms.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 05 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 E	14/20 S	14/21 S	14/19 SW	11/16 SW	7/12 SW	6/9 S	9/13 S	9/13 S
300	11/18 E	11/18 S	11/18 S	11/17 S	10/15 SW	8/13 S	5/9 SE	6/11 S	6/11 S
Valley	10/18 E	7/17 SE	6/16 S	9/17 S	7/14 SW	5/10 S	3/7 S	5/10 SE	5/10 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	8/4	8/4	9/6	11/9	11/9	11/9	9/7	8/6
300	9/6	10/8	10/8	11/9	14/12	14/12	13/12	11/10	10/9
Valley	9/6	10/8	10/9	12/11	15/14	14/14	14/13	11/10	10/10
Freezing Level*	2100m	2000m	1900m	1800m	1900m	2000m	2000m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Occasional heavy afternoon showers carry a low risk of lightning and hail.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 04 May 2023	0mm	0mm	0mm

Forecast for Saturday 06 May 2023

Weather: Dry overnight and at first, with some patchy cloud on eastern upslopes. This should soon disperse in the morning with some bright spells for a time, and the odd shower. However, cloud thickening into the afternoon with outbreaks of rain spreading from the south, some heavy.

Maximum wind: South-Southeast 10mph with gusts 15-20mph.

Chance of cloud-free hill tops above 600m: 40% improving to 90% for a time, then deteriorating to 10% later.

Low cloud and visibility: Patchy cloud and poor visibility perhaps just affecting lower eastern slopes at first, before becoming generally good with cloud largely above summits. However, into the afternoon and evening cloud thickening and lowering, with poor visibility becoming extensive above 400m.

Temperature: **Valleys:** Plus 8C rising to 17C.
At 600m: Plus 10C
Freezing level: Above summits

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